

Changes Over Time

Adaptation- characteristics that help an organism survive and reproduce in its environment.

Examples

- Ability to find food

- Protect it-self

- Find/Attract a mate

- Survive the climate

Species- a group of organisms that can mate with each other to produce fertile offspring

Ex, All dogs are members of the same species. They can mate with each other to produce other dogs.

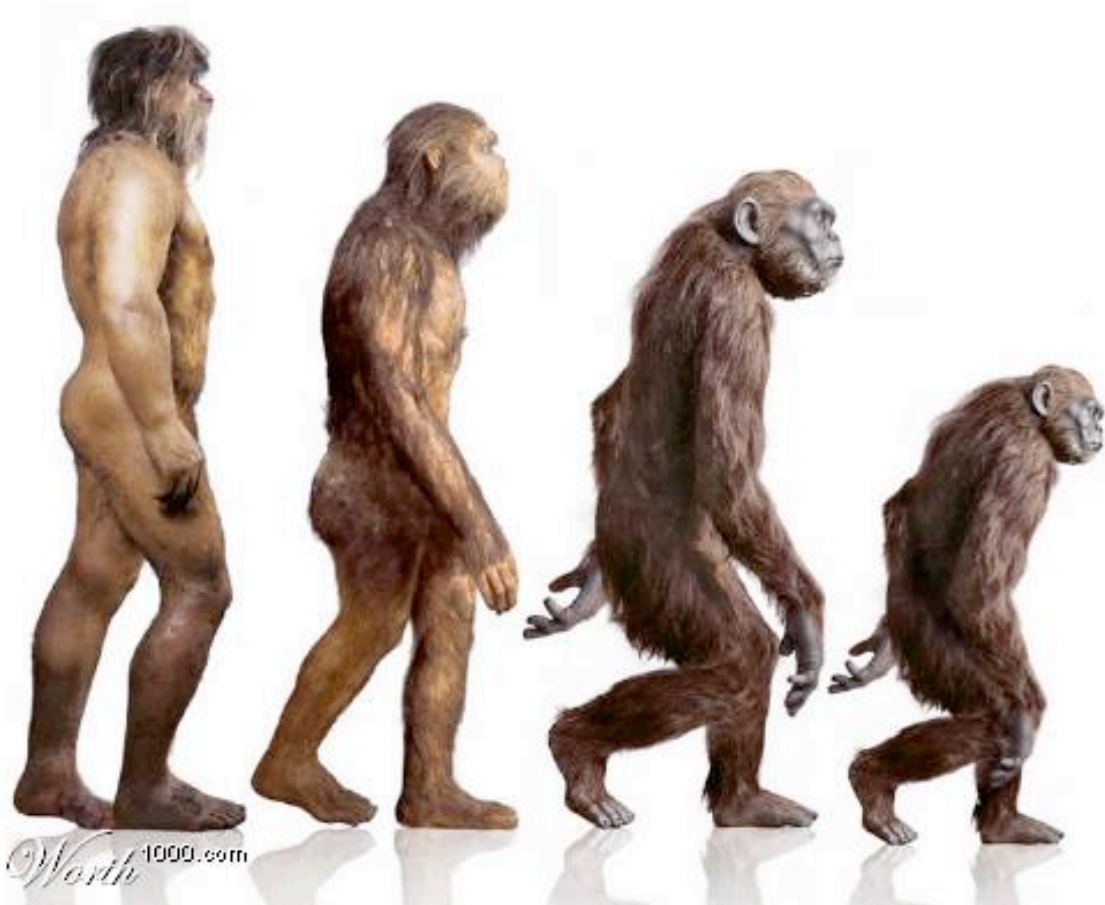
Evolution- the process by which organisms inherited traits change over time and sometimes create a new species.

Example

The snake evolving from a walking reptile.



Humans evolving from the ape.



Evolutionary Evidence From The Past

Fossils –the imprint remains or physical evidence of
an organism preserved by rock or
another geological process.

Fossil Creation- Over many, many years

1. Organism Dies
2. It is covered by rock sediment and dirt.
3. The organism rots away
4. The imprint is left on the rock



Jelly fish(top)



2. Sedimentary Rocks- a rock that is formed from dirt, particles or pieces of other rock that form layers on top of each other.

The deeper the layer or the fossil in the layer, the older it is.

Fossil Records- puts them in relative age order based on where they are found in the rock.



